

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended): A display device comprising a substrate, ~~which~~ said substrate is provided with groups of pixels wherein each group of pixels is within a separate defined area on the substrate; and at least one

5 a plurality of semiconductor device devices, wherein each semiconductor device is mainly associated with each a different group of pixels, and wherein each semiconductor device is positioned within the defined area of the group of pixels that it is mainly associated with and being provided at the area of said group of pixels; the semiconductor device being provided with drive means for driving pixels dependent on data to be displayed and with data processing means.

2. (Original): A display device as claimed in claim 1, the semiconductor devices being provided with means for recognizing the location of the group of pixels.

3. (Original): A display device as claimed in claim 1, wherein the data processing means have a decoding function.

4. (Original): A display device as claimed in claim 1, wherein the addressing rate of the semiconductor devices is variable.

5. (Currently Amended): A display device as claimed in claim 1, wherein the drive driving means for different ~~part parts~~ of the displays display have separate control means for varying the addressing rate of the associated semiconductor devices.

6. (Original): A display device as claimed in claim 1, wherein further driving means comprise a frame memory and means to detect changes between the contents of subsequent frames.

AMENDMENT AND RESPONSE

3

SN: 10/501,687

Atty. Docket No.: NL 020028 USA

PELT-27,797

7. (Original): A display device as claimed in claim 1, wherein the driving means comprise a frame memory and means to detect changes between the contents of subsequent frames.

8. (Original): A display device as claimed in claim 1, wherein encoded data to be displayed is transported to at least a group of the semiconductor devices after detecting a certain amount of change between the contents of subsequent frames or of subsequent subframes.

9. (Original): A display device as claimed in claim 1 wherein encoded data to be displayed is transported to at least a part of the group of the semiconductor devices at full frame rate

10. (Original): A display device as claimed in claim 9 wherein at least a part of the group of the semiconductor devices receives the most significant part of the data to be displayed.

11. (Original): A display device as claimed in claim 10 wherein at least a part of the group of the semiconductor devices receives refinement data of the data to be displayed.

12. (Original): A display device as claimed in claim 1, wherein further driving means for the display comprise an encoding function.

13. (Original): A display device as claimed in claim 2, wherein the means for recognizing the location have a read-only structure.

14. (Original): A display device as claimed in claim 2, wherein the means for recognizing the location comprise a programmable memory.

15. (Original): A display device as claimed in claim 1, wherein the drive means have a bus structure.

AMENDMENT AND RESPONSE

SN: 10/501,687

Atty. Docket No.: NL 020028 USA

PELT-27,797

4